METEOROLOGICAL OFFICE
27 OCT 1966
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MINUTES OF THE PROCEEDINGS

OF THE

METEOROLOGICAL COUNCIL,

1878—1879.

LONDON:
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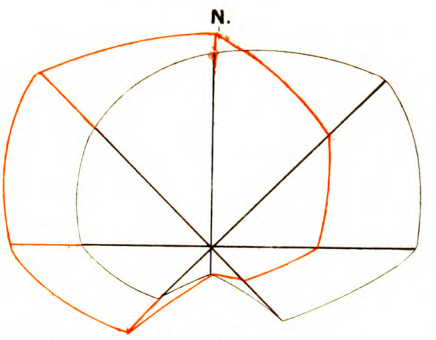
FOR HER MAJESTY'S STATIONERY OFFICE.

1879.

Graphic representation of the results shown in Example 2.

SQ. 441 S.S.5 O [Lat. 35°–36° S. / Long. 20–21 E.] JANUARY.

WIND DRIFT.



SCALE ½ an inch = 1 of Beaufort's Notation.

Black (*Giving an equal weight to each observation.*) — *Resultant* = S. 26° W. 2·0

Red (*Giving an equal weight to each Ship.*) —— —— " —— = S. 31° E. 2·3

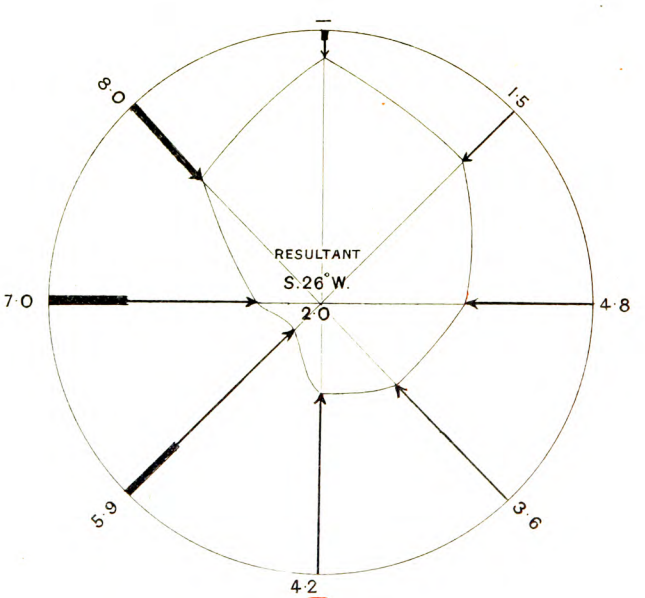
The Diagrams below give the above information after the method of representation at present employed by the Office — and in addition :—

The figures outside the circle give the absolute mean force of wind in each octant.

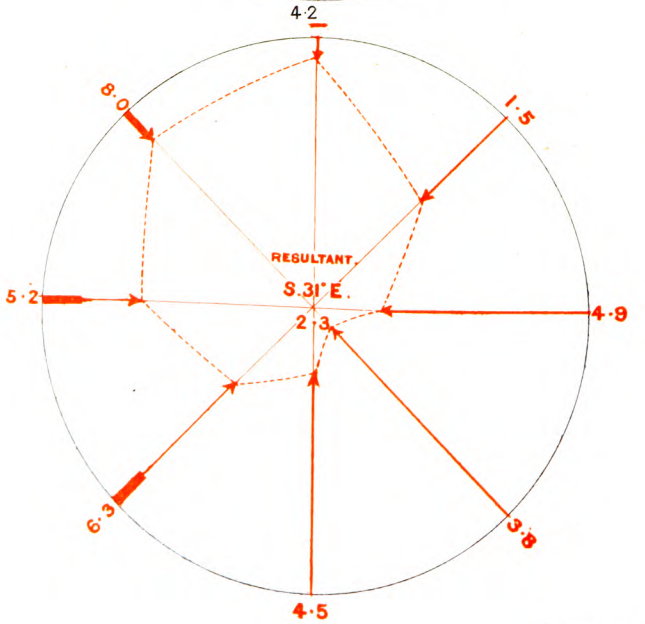
The thickening of arrows shows the relative frequency of gales — the N° of gales (force 8 or upwards) bearing the same proportion to the whole N° of observations as the thickened part bears to the unthickened part.

The equal weighting for each Log presents a difficulty to obtaining the mean force of individual winds in each octant & the relative frequency of gales — but in this specimen the difficulty has been overcome by adopting the method suggested by Mr. Galton in B. Ass^n Report 1866.

Giving an equal weight to each observation.



Giving an equal weight to each ship.

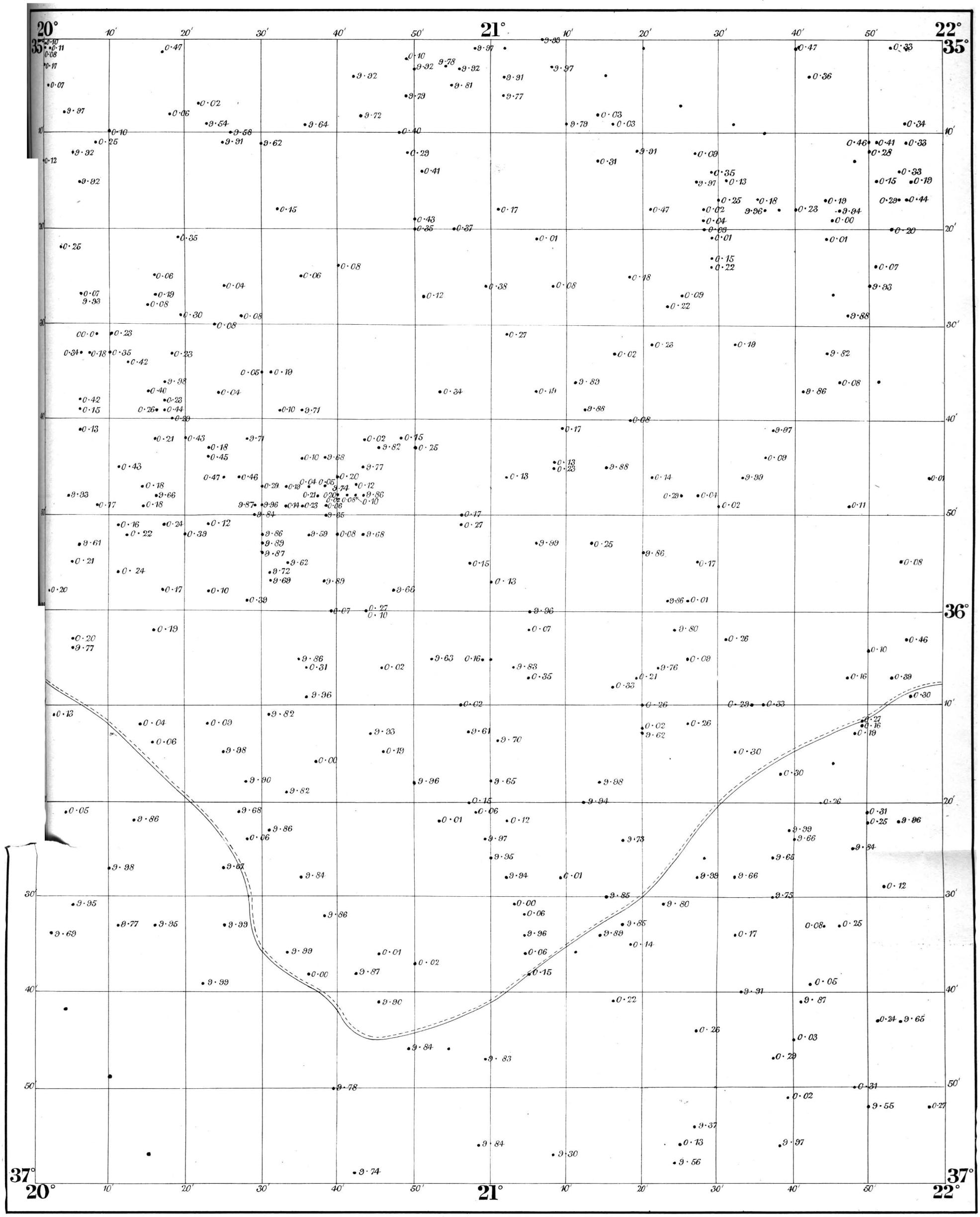


Dangerfield Lith 22, Bedford St. Covent Garden

July.

Years 1855-59.
„ 1860-64.
„ 1865 67.

Two Degree Square { 35° to 37° S. / 20° to 22° E.



Dangerfield. Lith. 22. Bedford St. Covent Garden.

N°. of observations 356.